

Art Unit: 1600

27. (Currently Amended) The pair of nucleic acid probes of method according to claim 26, wherein the chromosome is not aberrant.

28. (Currently Amended) The pair of nucleic acid probes of method according to claim 22 which hybridize *in situ*.

29. (Currently Amended) The pair of nucleic acid probes of method according to claim 28, which pair of nucleic acid probes each hybridize *in situ* to only a few linear DNA molecules per cell.

JBH
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